COTTON CHATS

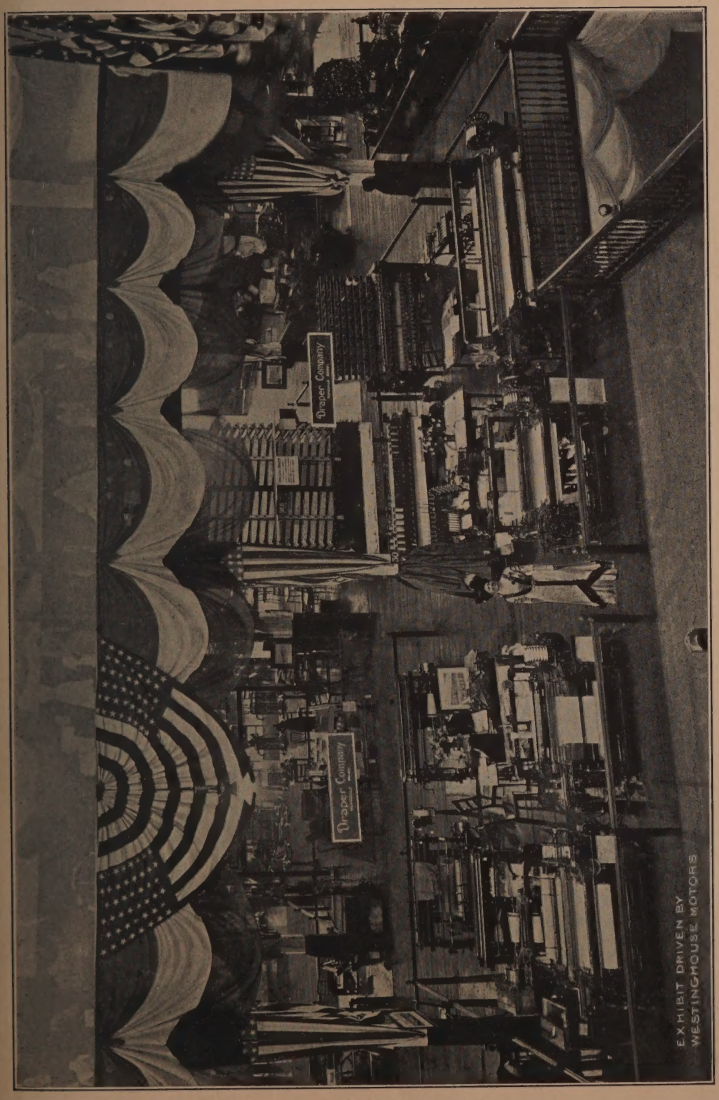
DRAPER COMPANY, HOPEDALE, MASS.

DRAPER COMPANY HOPEDALE MASS.

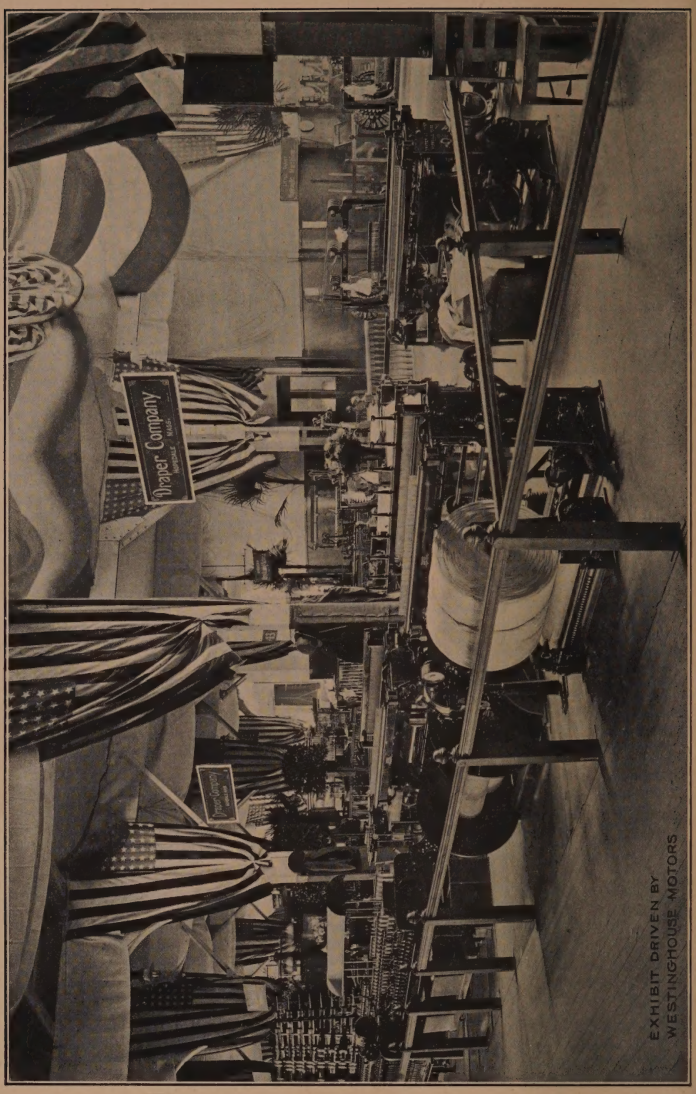
COTTON CHATS

NO. 91. MAY, 1910.

OUR EXHIBIT AT MECHANICS FAIR BUILDING, BOSTON, APRIL 25 TO 30, 1910.



View on Front Aisle.



View on Rear Aisle.

THE SECOND EXHIBITION OF TEXTILE MACHINERY

and allied products was held by the Textile Exhibitors' Association the last week in April and was successful in drawing together a large number of mill people and others interested in improvements in cotton machinery. The two views of our exhibit will be recognized by those who attended and will be of interest to those not thus fortunate.

BALL OF YARN

Pat. April 5, 1910.

We have recently developed an improvement in the construction of the ball made on our ball warper whereby we obtain a cylindrical ball with square ends, making a more attractive and desirable package for shipment. We have patented this ball and parties buying our ball warpers will have an advantage over their competitors in this market.

Our Ball Warper, and a sample ball of yarn made on it, were included in our exhibit at the recent show in Boston and will be seen in the foreground of illustration of second page of this number of Cotton Chats.

LOCATION OF HOPEDALE.

Hopedale is located in a triangle formed by lines connecting Boston, Worcester and Providence. It is 34 miles from Boston, 18 miles from Worcester and 26 miles from Providence.

To reach Hopedale from Boston, take Boston & Albany division of N. Y. Central R. R. to Milford, Mass., our adjoining town; thence by carriage or electric cars to Hopedale, 1 1-2 miles; or Boston and Worcester trolley line to South Framingham, 22 miles, and trolley from South

Framingham to Hopedale, 13 1-2 miles; or Boston & Albany line to South Framingham and trolley to Hopedale.

From Worcester take either Boston & Albany train or trolley to North Grafton, 6 miles, thence change to trolley line through Upton to Hopedale 12 miles.

From Providence take Providence & Worcester division of N. Y., N. H. & Hartford R. R. to Uxbridge, Mass., 25 miles, thence trolley to Hopedale, 7 miles. Or, Providence & Worcester R. R. to Woonsocket, R. I., 16 miles, thence by trolley to Milford, Mass., 12 miles, changing at Milford for Hopedale. Or, trolley from Providence to Woonsocket, connecting with trolley line at Woonsocket for Milford, as above.

The towns and cities shown above in red, indicate the relative locations of the several places on the map. We have had this map prepared, in view of frequent requests for information as to where Hopedale is situated and how to reach it.

We extend a cordial invitation to our readers to call and see us.

DRAPER COMPANY HOPEDALE MASS.

COTTON CHATS

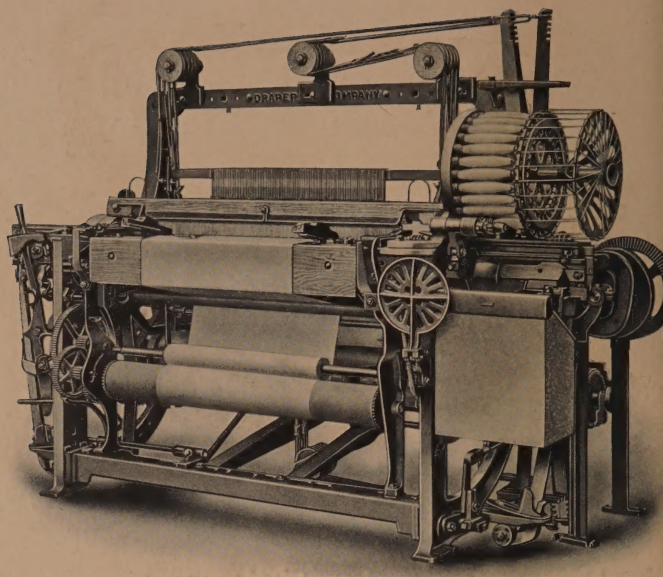
NO. 92. JUNE, 1910.

CURTAILMENT IN COTTON MANUFACTURING IS WITH US.

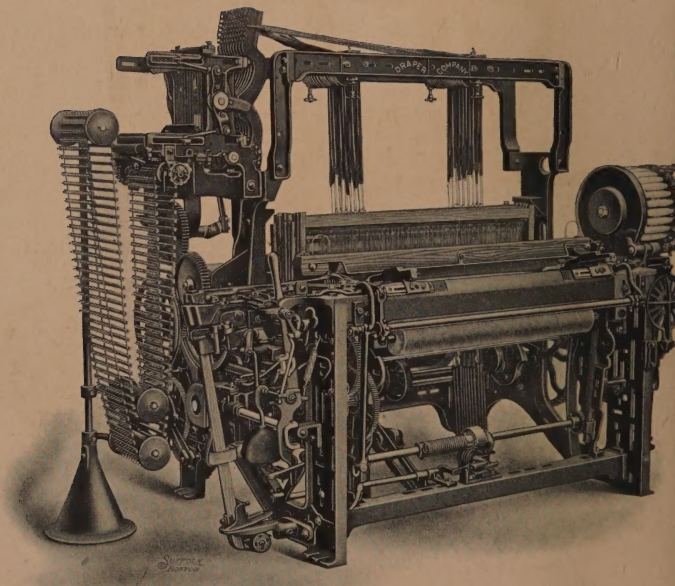
In our April **Cotton Chats** we suggested for consideration that our customers take advantage of this opportunity to **replace** their **common looms with new Northrop Looms** and thus with least possible disturbance of mill organization place themselves in position to reduce weaving costs and increase profits when normal conditions return.

In this connection we call attention to the wide range of goods being woven on Northrop Looms as indicated by the illustrations herewith. We have orders on our books for all these models and large numbers are in successful operation.

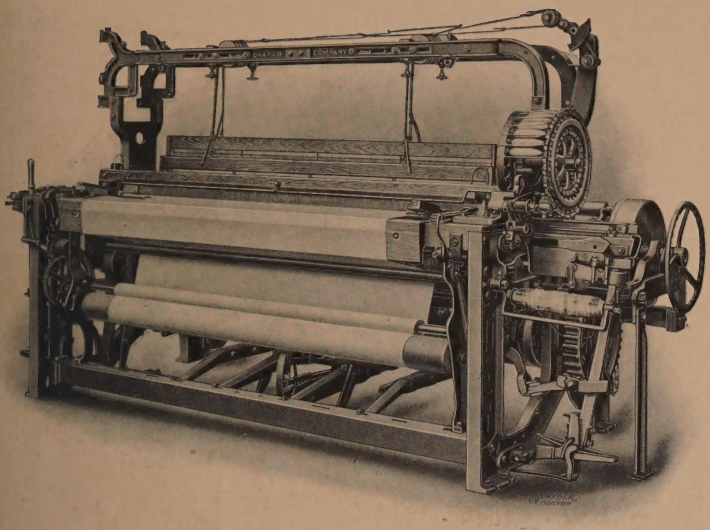
It is a generally accepted fact that **the automatic loom has come to stay.** No other improvement in cotton machinery has opened the way for so large a **saving in expense** of manufacture, while at the same time **improving** the **conditions** and **increasing** the **wages of the operative.**



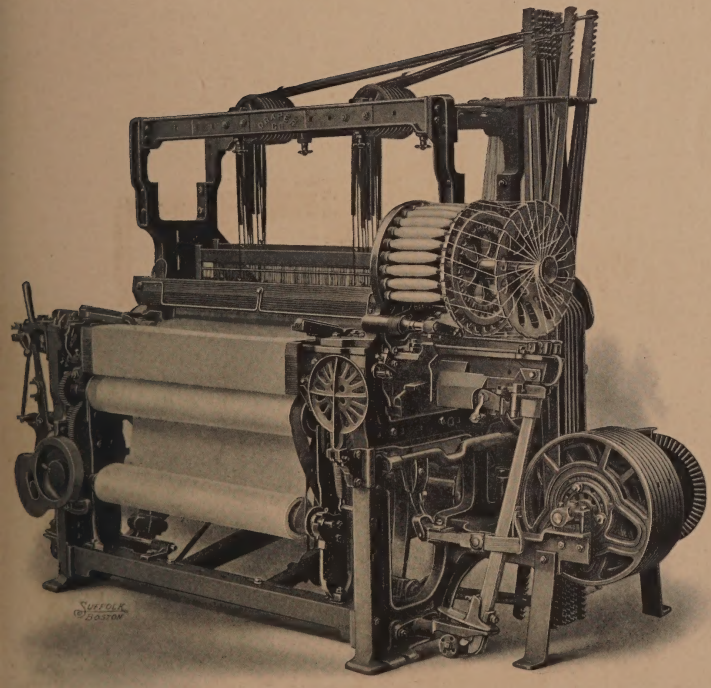
Northrop Side Cam
Pillow Tubing Loom.



Northrop Dobby Loom.



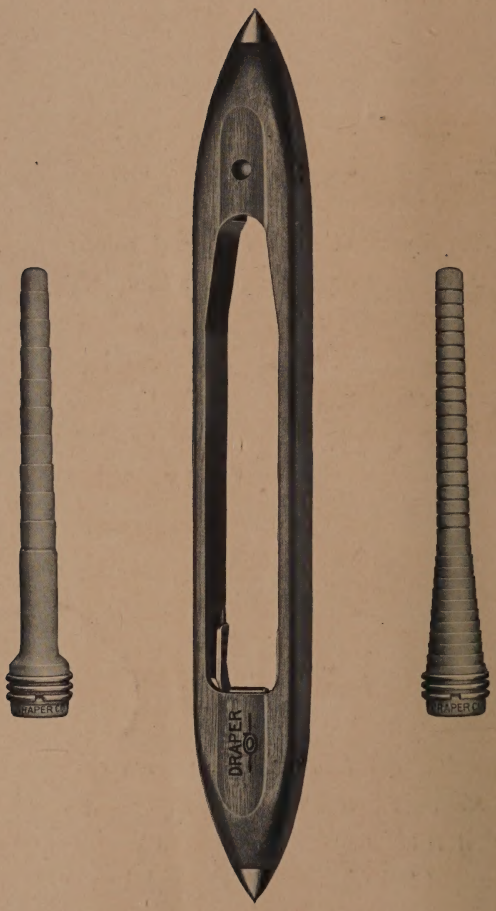
Northrop Worsted Loom
For Fine Dress Goods.



Northrop Side Cam
Corduroy Loom.

The Best Northrop Loom Bobbins and Shuttles

Are Made By Northrop Loom Manufacturers.



Look For Our Name
On Your Shuttles and Bobbins.

DRAPER COMPANY HOPEDALE MASS.

COTTON CHATS

NO. 93. JULY, 1910.

A Safe and Sane July Fourth.

THE NUMBER OF

KILLED AND WOUNDED IN THE WAR OF THE REVOLUTION

is said to have been **actually less** than the killed and wounded in the **annual July fourth celebrations since** that historic event. For the past ten years there has been a rapidly growing sentiment in the direction of reducing these casualties by the substitution of other attractive but less dangerous methods of celebration. While young and old must have opportunity to vent their enthusiasm, it is also important to save the rising generation for the duties of life. Many states have passed stringent laws limiting the sale of dangerous explosives, and towns and cities as far as practicable have co-operated to make July 4th a day of safety to all.

Through the courtesy of Mr. F. W. Ely, Agent of the Columbian Mfg. Company, of Greenville, N. H., we are permitted to present on the first page an illustration of one of the floats in the July fourth pageant in that town. Local societies, manufactories, store keepers and others co-operated to make this the leading feature of the day. This float shows the progress that has been made in the art of weaving in the period from 1776 to 1910.

The hand loom represents the best that could be done one hundred and thirty-four years ago. This loom was shown in operation by a lady equipped in costume suitable to the occasion.

The Northrop loom represents the highest degree of weaving efficiency in 1910; it was driven by a small gasoline engine, in charge of a Northrop loom weaver and was successfully operated during the progress of the procession. The exhibit demonstrated the possibilities of the Northrop loom in weaving under difficulties.

The spindle illustrations in this number show the developments in spindle construction since the firm of George Draper and Son entered the field in 1868. So far reaching are these improvements that practically all new spinning frames are now equipped with spindles which have been controlled by our patents.

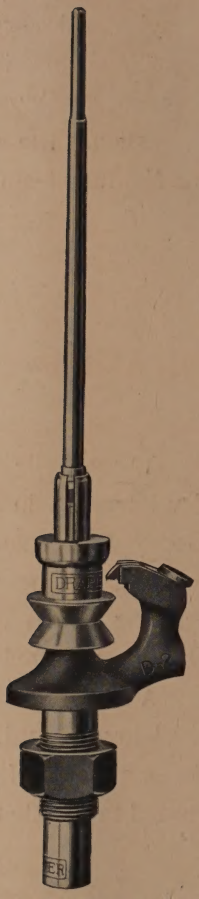
A similar case is shown in the evolution of the modern revolving flat card. No one would think of taking as a gift the machines of comparatively few years ago and be obliged to operate them under present conditions.

THE EVOLUTION OF THE NORTHROP LOOM MARKS A REVOLUTION IN WEAVING.

In the loom field we expect the Northrop Loom to replace other looms to the same extent that our spindles have replaced the old style spindles and that revolving flat cards have replaced other cards.

Standard Spindle
of 1868

Heavy weight
Slow speed
Short bobbin
Small yarn load
Wasteful of power



Standard spindle
of 1910

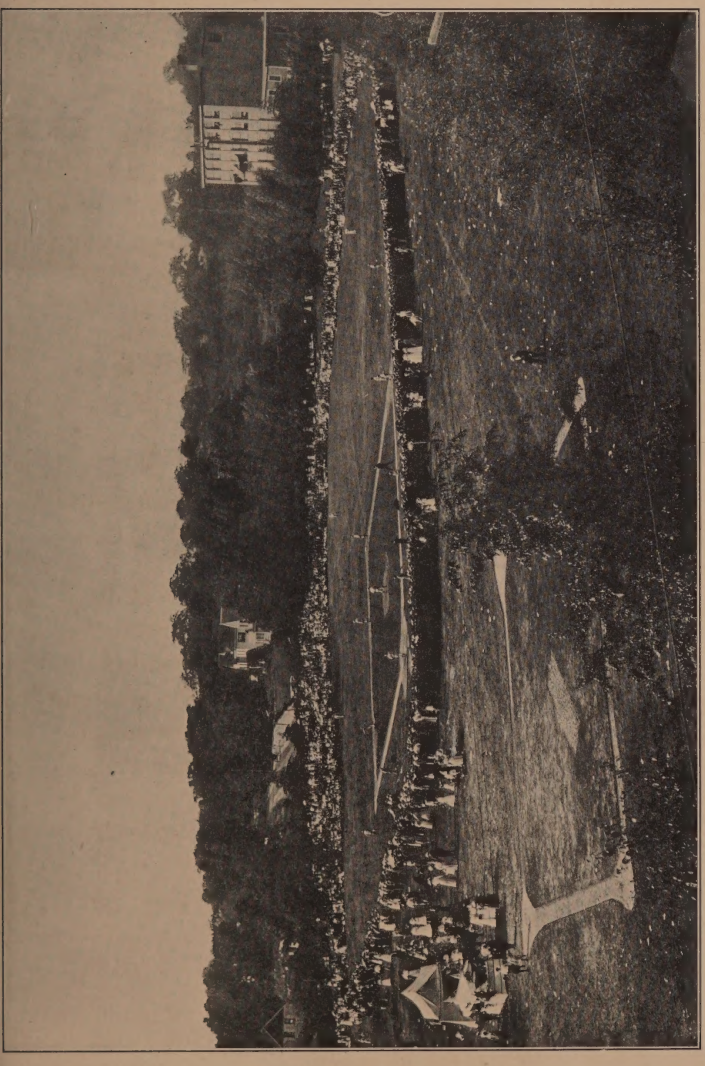
Light weight
High speed
Long bobbin
Heavy yarn load
Economical of
Power

DRAPER COMPANY HOPEDALE MASS.

COTTON CHATS

NO. 94. AUGUST, 1910.

FIELD DAY OF DRAPER COMPANY EMPLOYEES



Base Ball Game.

Sack Race.

220-Yard Dash.

Swimming Race—The Finish.

Hurdle Race.

Water Polo.

Potato Race For Girls.

THE TENTH ANNUAL FIELD DAY

of our employees was held August 13th. Over 4000 people were estimated to have attended. The following program shows the various events. The illustrations speak for themselves.

ORDER OF EVENTS.

8.00	A.M.	100 yd. Dash for Boys.	10.45	A.M.	Relay Race.
8.15	"	120 yd. Hurdles.	11.00	"	Obstacle Race.
8.30	"	Sack Race.	11.15	"	Mile Run.
9.00	"	100-yard Dash.	11.30	"	Potato race for Girls: Invitation.
9.00	"	Lawn Tennis.	11.45	"	1-4 Mile Run.
9.00	"	Shot Put.	1.00	P.M.	Boat Race.
9.15	"	Potato Race.	1.30	"	Swimming Race.
9.30	"	Pole Vault.	1.45	"	Hand Paddle Canoe Race.
9.45	"	220-yard Dash.	2.00	"	Tail End Race for Canoes.
10.00	"	Broad Jump.	2.15	"	Water Polo.
10.15	"	Bicycle Race.	3.15	"	Baseball.
10.30	"	Running High Jump.			

In view of this number of Cotton Chats coming in the vacation season and as a large number of mills are closed, we merely suggest at this time the great advantage of making needed repairs and improvements when they can be made without loss of product, and in anticipation of the better business conditions which inevitably follow a period of depression.